

**IN THE DRAWINGS:**

Please amend Figure 13 by including the second rotator 1310 having output 1315 connected to the output of CSPA block 1314. This amendment is illustrated in the accompanying amended drawing, which is labeled "Replacement Sheet" in the top left margin thereof. An additional sheet showing the marked-up changes is also provided, which is labeled "Annotated Sheet Showing Changes" in the top left margin thereof.

**REMARKS**

Claims 1-22 are pending. Claims 1, 14 and 20-21 are amended with this response. Reconsideration of the application is respectfully requested based on the following remarks.

**I. OBJECTION TO THE DRAWINGS UNDER 37 CFR § 1.83(a)**

The drawings were objected to under 37 CFR § 1.83(a), for not showing every feature of the invention specified in the claims, and in particular, the "second rotator" of claim 11 was not shown.

Fig. 13 has been corrected to illustrate the second rotator 1310 which was inadvertently omitted yet identified in claim 11 as well as page 52 lines 11 and 23 of the specification. Accordingly, withdrawal of the objection is respectfully requested.

**II. REJECTION OF CLAIMS 1-22 UNDER 35 U.S.C. § 112, SECOND PARAGRAPH**

Claims 1-22 were rejected under 35 U.S.C. § 112, second paragraph as being indefinite.

Independent claims 1 and 21 have been amended to more clearly recite an apparatus / method for performing add rotate add operations using an equivalent single addition operation. Thus, it is respectfully submitted that the claim language of claims 1 and 21 are definite in view of the above amendments and because one of ordinary skill in the art would understand the terms of the claims when read in light of the specification. Moreover, the indefiniteness rejection of independent claim 1 and depending claims 2-20, or independent claim 21 and depending claim 22 is now also believed to be remedied. Accordingly, withdrawal of the rejection is respectfully requested.

Dependent claims 14 and 20 have also been amended to include the missing periods "." at the end of the claims. Accordingly, withdrawal of the rejection is respectfully requested.

**III. REJECTION OF CLAIMS 21-22 UNDER 35 U.S.C. § 101**

Claims 21-22 were rejected under 35 U.S.C. § 101 as being directed to non-statutory subject matter. Claim 21 has been amended to address this issue, thereby rendering the issue moot. Accordingly, withdrawal of the rejection is respectfully requested.

**IV. CONCLUSION**


For at least the above reasons, the claims currently under consideration are believed to be in condition for allowance.

Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below.

Should any fees be due as a result of the filing of this response, the Commissioner is hereby authorized to charge the Deposit Account Number 01-0365, AMDP758US.

Respectfully submitted,  
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By

  
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**CERTIFICATE OF MAILING (37 CFR 1.8a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Assistant Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: December 27, 2006

  
Christine Gillroy

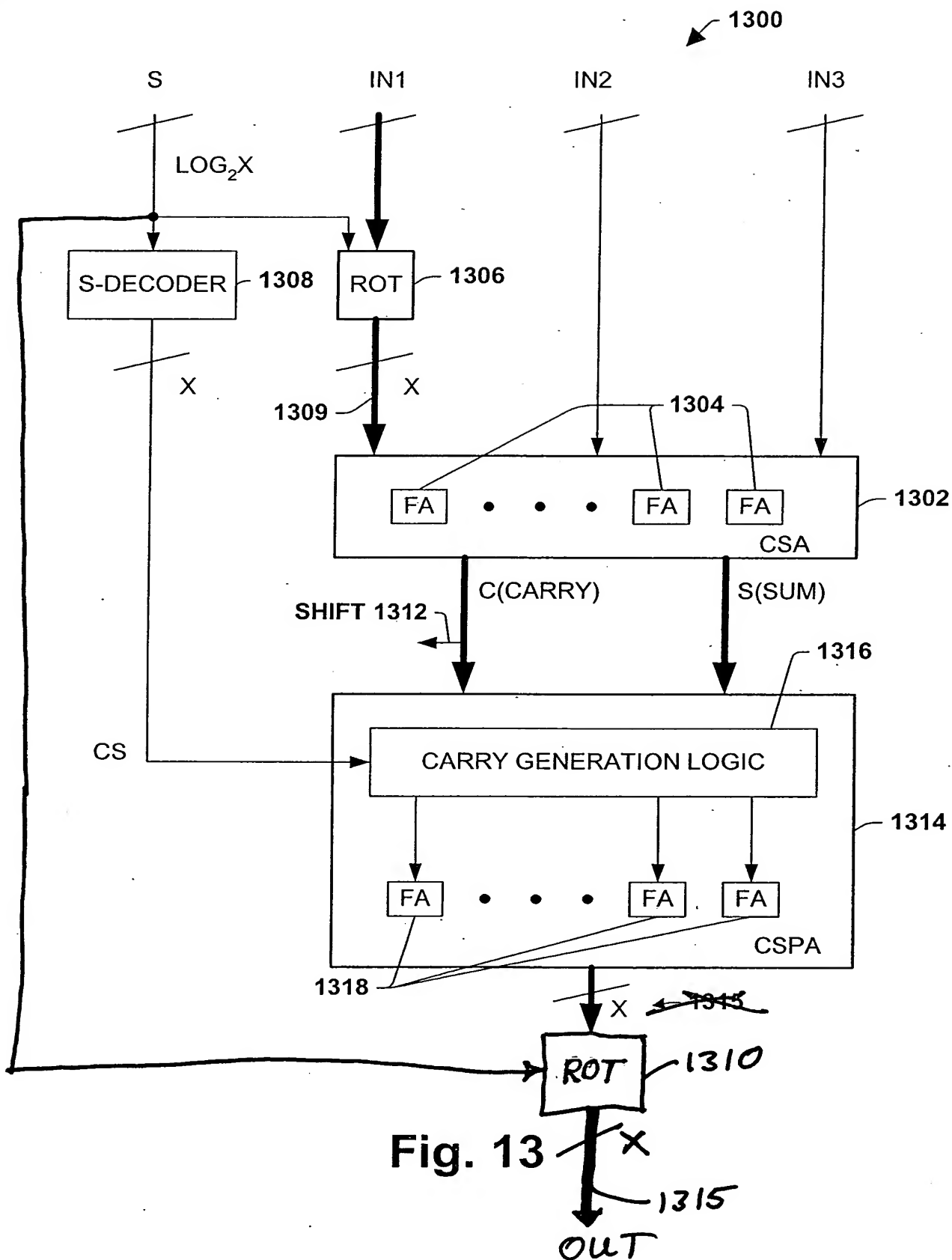


Fig. 13